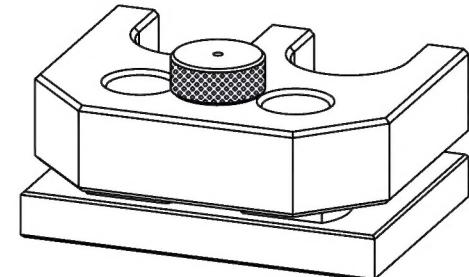
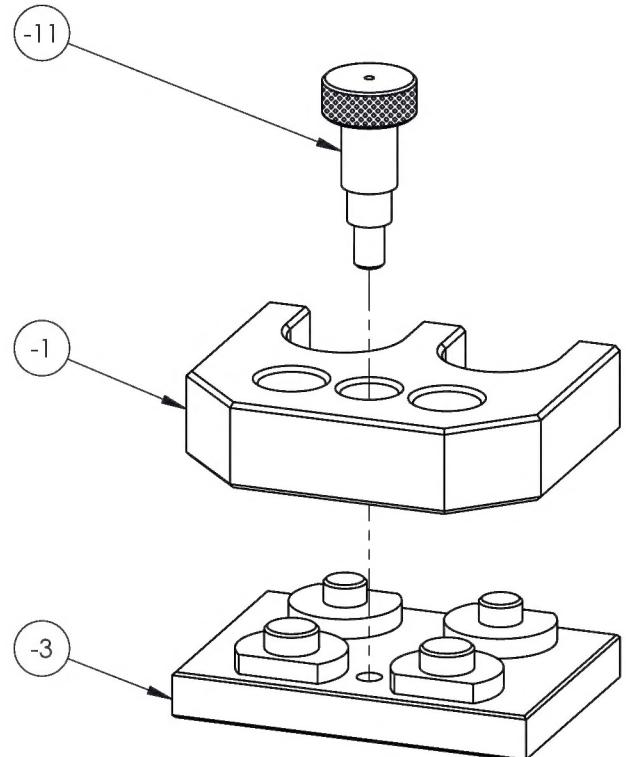


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	1/25/2016	DPD	JAG



**NOTE:**

REF. EUROCOPTER T/N: 105-31711W2.



TITLE

## PUSHING-OUT TOOL

DWG NO.

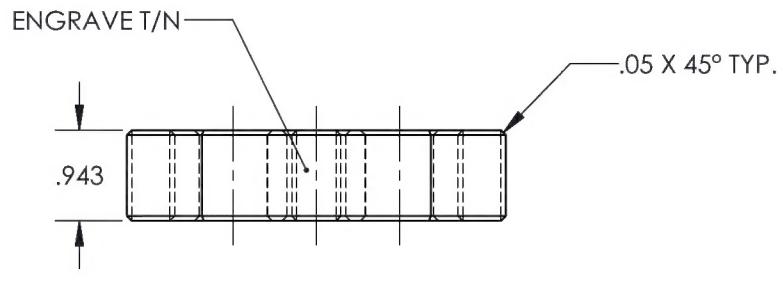
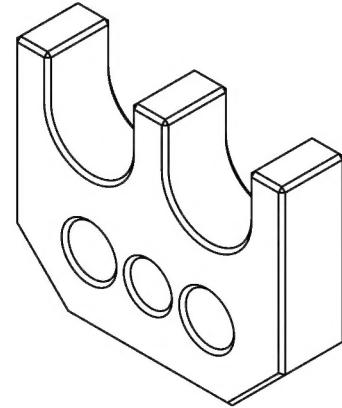
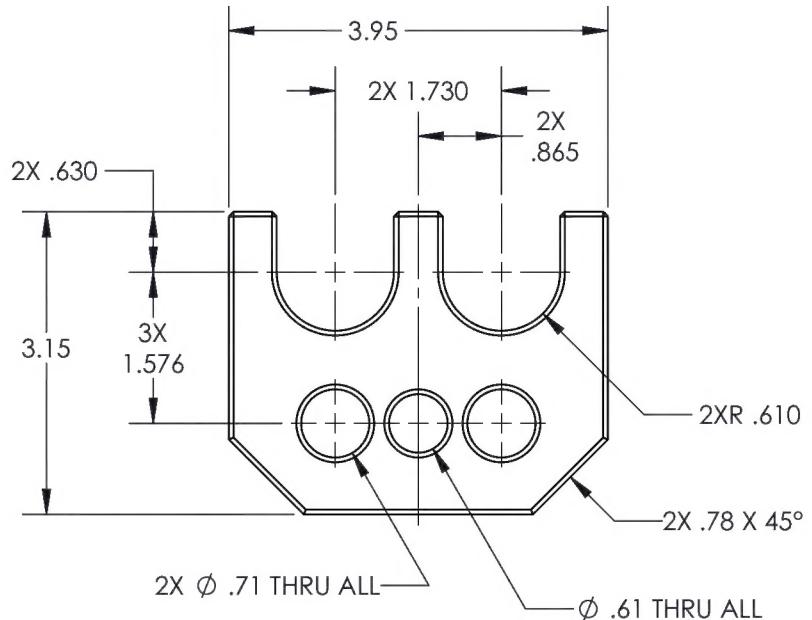
RBE105-31711W2

REV

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DWG NO.	RBE105-31711W2	REV 1
									MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
		-1	1	DISTANCE PLATE	6061			2	HEAT TREAT FINISH	.XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125	
X		-3	1	PLATE WITH FOUR SUPPORT STUDS				3	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
1		-5	PLATE	A36/1018/1020 HR				4	DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
2		-7	SUPPORT STUD SMALL	6061				5	CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
2		-9	SUPPORT STUD LARGE	6061				6	OPPS APPR: ANDERSON		
		-11	1	DRIFT	4140/4142			7	QA APPR: LINDSAY	USED ON MODEL	
	ASSY -3								APPROVED: GILBERT	EC145	
									SCALE 1:2	DATE 12/28/2015	SHEET 1 OF 7

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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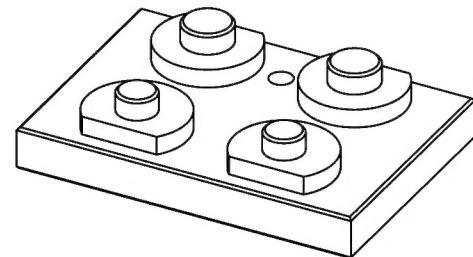
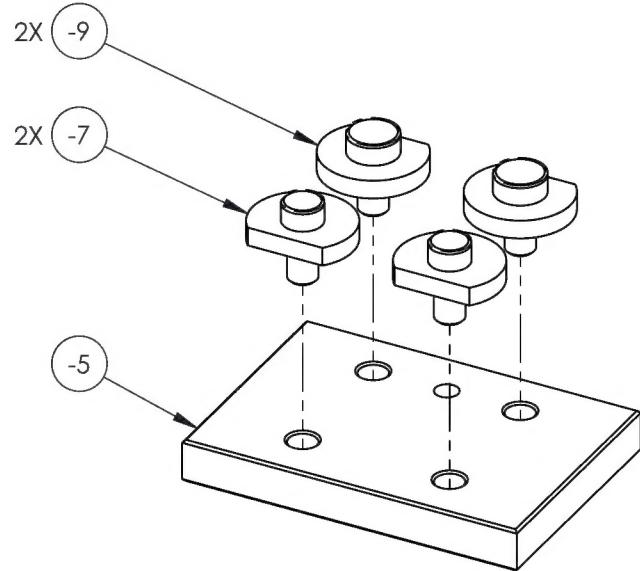
(-1)

DISTANCE PLATE

TITLE	
PUSHING-OUT TOOL	
DWG NO. RBE105-31711W2-1 REV 1	
MATERIAL 6061 UNLESS OTHERWISE SPECIFIED	
HEAT DIMENSIONS ARE IN INCHES	
TREAT FRACTIONS $\pm \frac{1}{16}$	
FINISH CLEAR ANODIZE ANGLES $\pm 5^\circ$	
SPEC MIL-A-8625, TYPE II, CLASS I SURFACES = 125 ✓	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY USED ON MODEL	
APPROVED: GILBERT EC145	
SCALE 1:2	DATE 12/28/2015
SHEET 2 OF 7	

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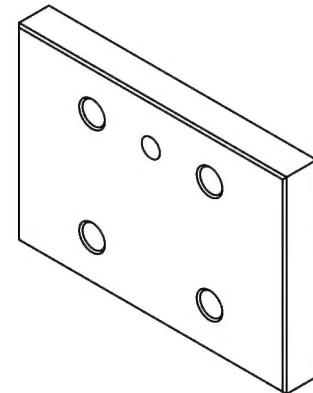
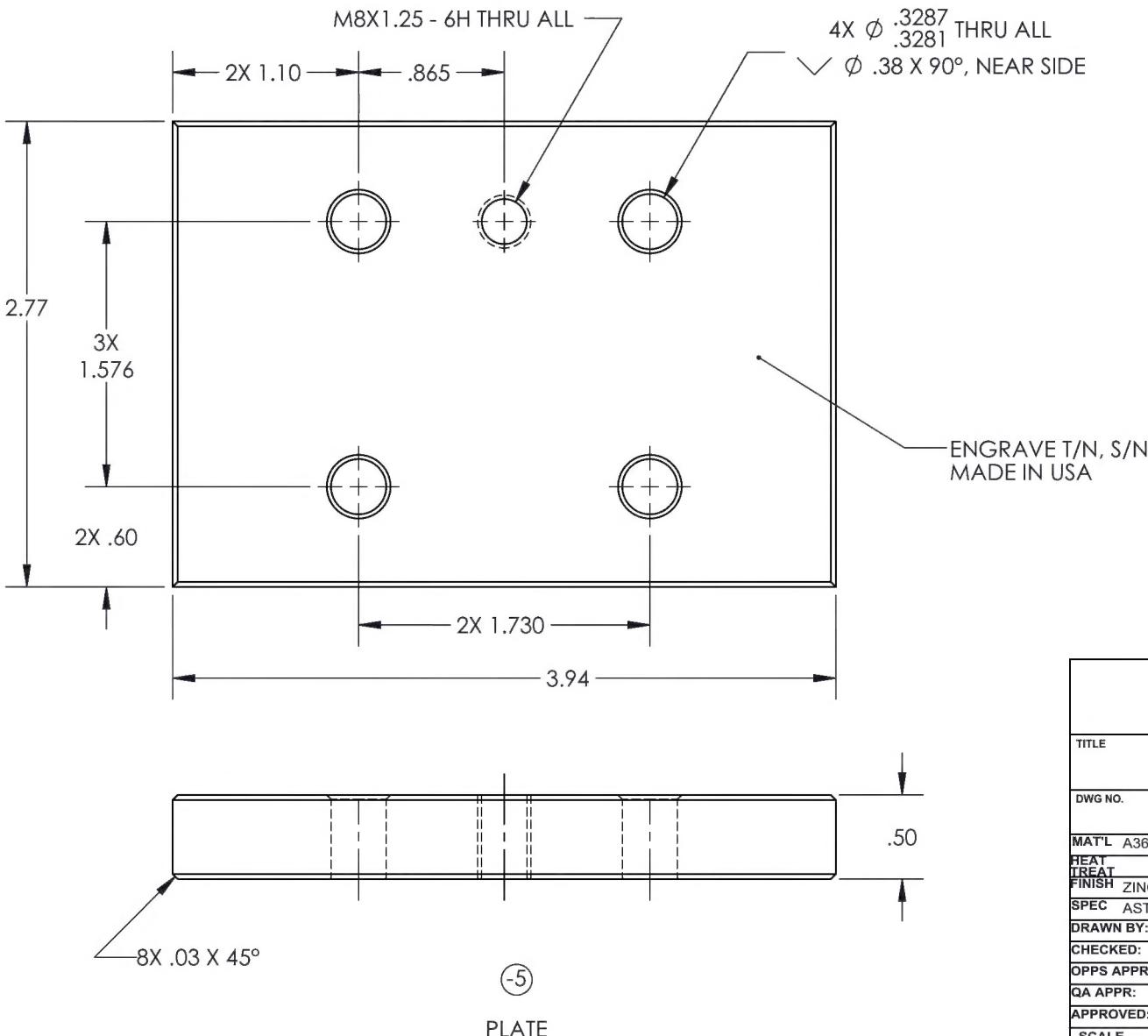
(3)

PLATE WITH FOUR SUPPORT STUDS

TITLE	
PUSHING-OUT TOOL	
DWG NO.	RBE105-31711W2-3
REV	1
MAT'L	
HEAT	
TREAT	
FINISH	
SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
SCALE	1:2
DATE	12/28/2015
SHEET 3 OF 7	

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REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
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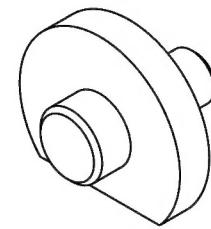
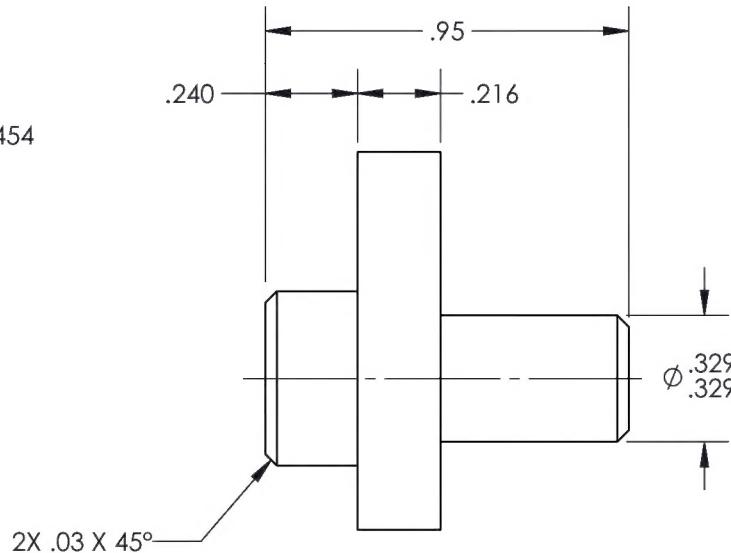
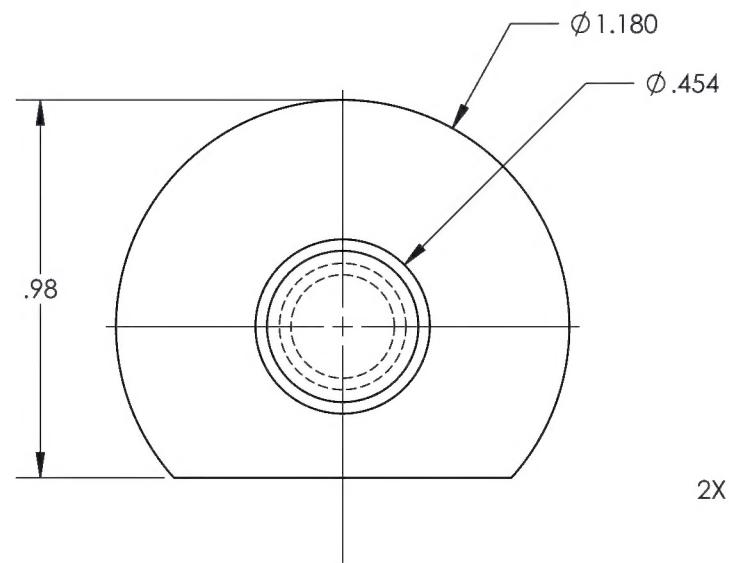


<b>DART</b> AEROSPACE	
TITLE	
PUSHING-OUT TOOL	
DWG NO. RBE105-31711W2-5 REV 1	
MATERIAL A36/1018/1020 HR	
HEAT TREAT	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT EC145	
SCALE 1:1	DATE 12/28/2015
SHEET 4 OF 7	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.XXX ± .005 FRACTIONS ± 1/8  
.XX ± .01 ANGLES ± 5°  
X ± .1 SURFACES = 125 ✓  
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R  
2. DIMENSIONAL LIMITS APPLY AFTER PLATING  
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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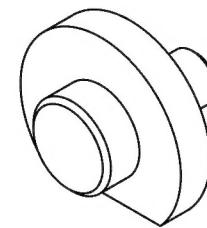
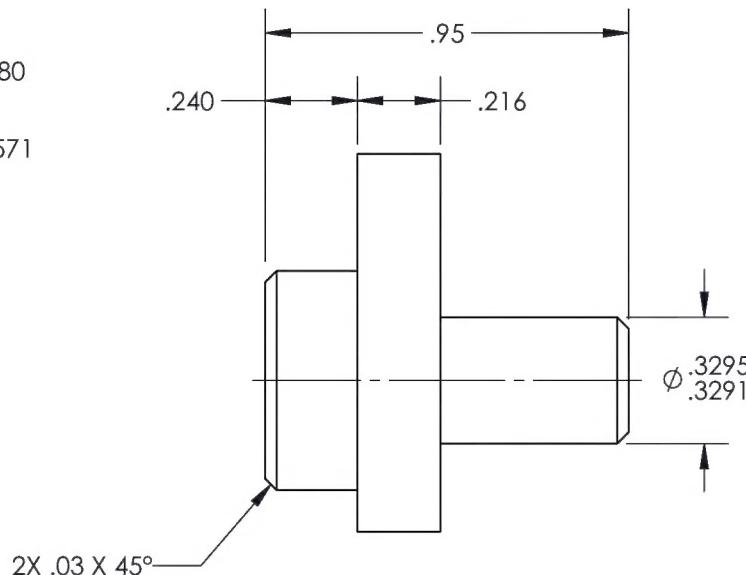
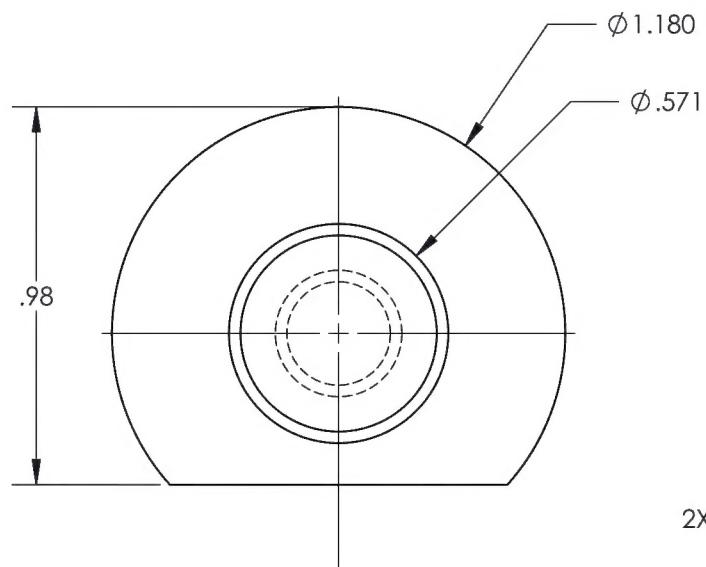
<b>DART</b> AEROSPACE	
TITLE	
PUSHING-OUT TOOL	
DWG NO.	RBE105-31711W2-7
REV	1
MAT'L 6061	
HEAT TREAT	
FINISH CLEAR ANODIZE	
SPEC MIL-A-8625, TYPE II, CLASS I	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SCALE	2:1
DATE	12/28/2015
SHEET 5 OF 7	

(7)

SUPPORT STUD SMALL

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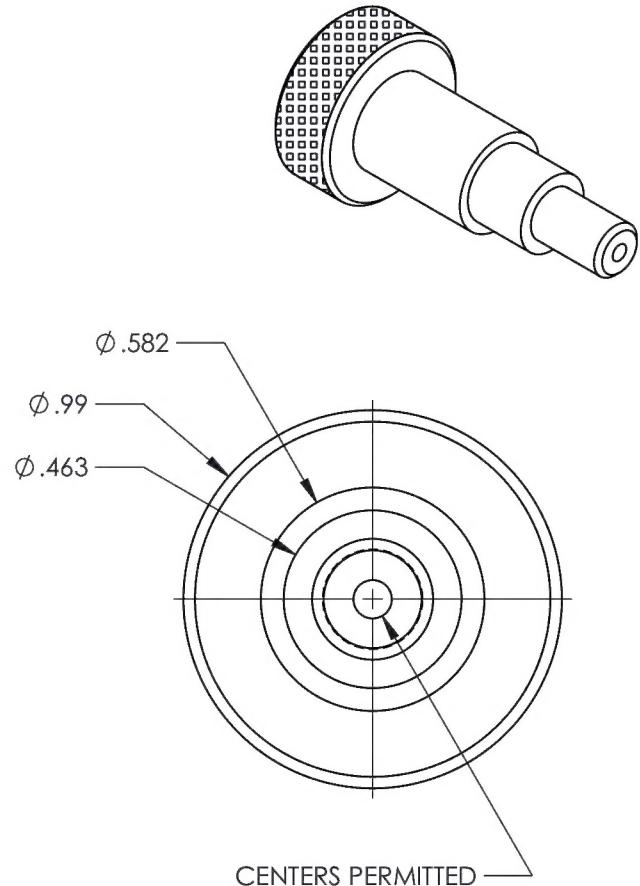
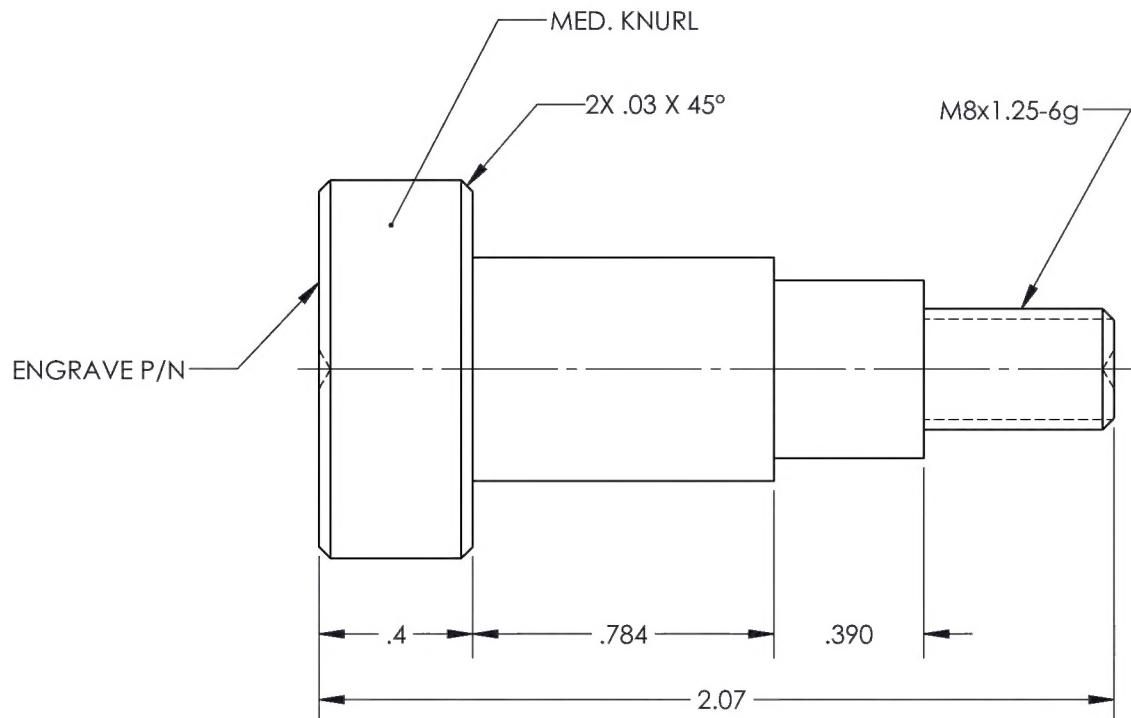
SUPPORT STUD LARGE

(-9)

TITLE	
PUSHING-OUT TOOL	
DWG NO.	RBE105-31711W2-9
REV	1
MATERIAL 6061 UNLESS OTHERWISE SPECIFIED	
HEAT FRACTIONS $\pm \frac{1}{8}$	
TREAT .XXX $\pm .005$	
FINISH CLEAR ANODIZE .XX $\pm .01$ ANGLES $\pm 5^\circ$	
SPEC MIL-A-8625, TYPE II, CLASS I X $\pm .1$ SURFACES = 125 ✓	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY USED ON MODEL	
APPROVED: GILBERT EC145	
SCALE	2:1
DATE	12/28/2015
SHEET 6 OF 7	

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## TITLE

## PUSHING-OUT TOOL

DWG NO. RBE105-31711W2-11

REV  
1

MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH ZINC PLATE	.XX ± .01 ANGLES ± 5°
SPEC ASTM B633 TYPE III SC 2	X ± .1 SURFACES = 125 ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 2:1	DATE 12/28/2015
	SHEET 7 OF 7

(-11)

DRIFT